STIC
Scientific & Technical Information Center

To: MANISH SHAH
Location: JEF-9D21
Art Unit: 2853
Tuesday, July 08, 2008

Case Serial Number: 10/530755

From: JEFFREY HARRISON
Location: EIC2800
JEF-4B71
Phone: (571)272-2511

jeff.harrison@uspto.gov

Search Notes

Re: the –OH (hydroxyl) substituent on the triazine ring
 in the compound with the azo-di-naphthalene fragment and SO_3 substituents,
 and with other substituents

Attached are the search history and the edited search results from STN Chemical Abstracts/CAS Registry and from EAST Derwent.

Please review the attached edited results, at least the first 4 items beginning on sheet # 3 of this PDF file.

The search histories are included at the end of the file.

If you would like more searching on this case, or if you have questions or comments, please notify me.
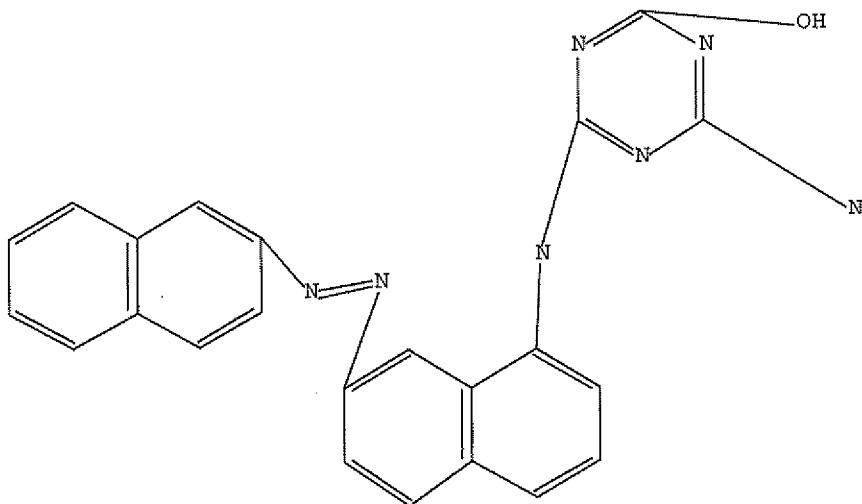
Jeff

sira
Search and Information
Resources Administration

CAS/STN FILE 'WPIX' ENTERED AT 15:12:43 ON 08 JUL 2008
L1   11383 SEA ABB=ON   PLU=ON   (G221(S)F580)/M0,M1,M2,M3,M4,M5,M6

    FILE 'STNGUIDE' ENTERED AT 15:13:52 ON 08 JUL 2008

    FILE 'LREGISTRY' ENTERED AT 15:13:58 ON 08 JUL 2008
L2   STRUCTURE UPLOADED

    FILE 'REGISTRY' ENTERED AT 15:15:01 ON 08 JUL 2008
L3   6 SEA SSS SAM L2
L4   95 SEA SSS FUL L2
L5   1 SEA ABB=ON   PLU=ON   L4 AND OL
L6   0 SEA ABB=ON   PLU=ON   L4 AND ALCOHOL
L7   95 SEA ABB=ON   PLU=ON   L4 AND HYDROX######
L8   82 SEA ABB=ON   PLU=ON   L7 AND SULFON?
L9   0 SEA ABB=ON   PLU=ON   L7 AND SULPHON?
L10   88 SEA ABB=ON   PLU=ON   L7 AND (HYDROX####### OR OL OR ALCOHOL)(13A
)TRIAZIN?
L11   0 SEA ABB=ON   PLU=ON   L7 AND HYDROXYTRIAZIN?
L12   2 SEA ABB=ON   PLU=ON   L7 AND HYDROXY(2A)TRIAZIN?
L13   737 SEA ABB=ON   PLU=ON   HYDROXY(2A)TRIAZIN?
L14   3 SEA ABB=ON   PLU=ON   HYDROXYTRIAZIN?
L15   737 SEA ABB=ON   PLU=ON   L13 OR L14
L16   53 SEA ABB=ON   PLU=ON   L15 AND 591.49.57/RID
L17   41 SEA ABB=ON   PLU=ON   L16 AND SULFON?
L18   127 SEA ABB=ON   PLU=ON   L5 OR L8 OR L10 OR L12 OR L17
L19   127 SEA ABB=ON   PLU=ON   L18 AND S/ELS
L20   126 SEA ABB=ON   PLU=ON   L8 OR (L19 AND AZO)
L21   127 SEA ABB=ON   PLU=ON   L19 OR L20
L22   41 SEA ABB=ON   PLU=ON   L21 AND (HYDROX####### OR OL OR ALCOHOL)(3A
)TRIAZIN?
L23   41 SEA ABB=ON   PLU=ON   L21 AND (HYDROX####### OR OL OR ALCOHOL)(2A
)TRIAZIN?
L24   0 SEA ABB=ON   PLU=ON   L21 AND (HYDROX####### OR OL OR ALCOHOL)(A)
                TRIAZIN?
L25   37 SEA ABB=ON   PLU=ON   L21 AND (HYDROX####### OR OL OR ALCOHOL)(1A
)TRIAZIN?
L26   0 SEA ABB=ON   PLU=ON   L21 AND HYDROXYTRIAZIN?
L27   127 SEA ABB=ON   PLU=ON   (L21 OR L22 OR L23 OR L24 OR L25 OR L26)

```
      FILE 'STNGUIDE' ENTERED AT 15:22:34 ON 08 JUL 2008

      FILE 'HCAPLUS' ENTERED AT 15:23:16 ON 08 JUL 2008
L28        28 SEA ABB=ON  PLU=ON  L27(L)(DYE OR INK OR RECORDING OR PIGMENT
              OR COLOR#### OR COLOUR#### OR PRINTER OR PRINTING)

      FILE 'HCAPLUS' ENTERED AT 15:23:34 ON 08 JUL 2008
L29        43 SEA ABB=ON  PLU=ON  L27 AND (DYE OR INK OR RECORDING OR
              PIGMENT OR COLOR#### OR COLOUR#### OR PRINTER OR PRINTING)/TI,
              ST,IT
L30        19 SEA ABB=ON  PLU=ON  L29 AND (L22 OR L23 OR L25)
L31        43 SEA ABB=ON  PLU=ON  L28 OR L30
L32         6 SEA ABB=ON  PLU=ON  L31 NOT P/DT
L33         6 SEA ABB=ON  PLU=ON  L32 NOT 2003-2008/PY
              D BIB AB IT HITSTR TOT

      FILE 'STNGUIDE' ENTERED AT 15:25:24 ON 08 JUL 2008

      FILE 'REGISTRY' ENTERED AT 15:27:05 ON 08 JUL 2008
L34     13049 SEA ABB=ON  PLU=ON  DINAPHTH?
L35     25520 SEA ABB=ON  PLU=ON  BINAPHTH?
L36     38981 SEA ABB=ON  PLU=ON  (BI OR DI)(W)NAPHTH?
L37         1 SEA ABB=ON  PLU=ON  L27 AND (L34 OR L35 OR L36)

      FILE 'STNGUIDE' ENTERED AT 15:29:45 ON 08 JUL 2008

      FILE 'REGISTRY' ENTERED AT 15:31:08 ON 08 JUL 2008
L38       830 SEA ABB=ON  PLU=ON  (L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11
              OR L12 OR L13 OR L14 OR L15 OR L16 OR L17 OR L18 OR L19 OR L20
              OR L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR L27)
L39         1 SEA ABB=ON  PLU=ON  160055-96-9
L40         2 SEA ABB=ON  PLU=ON  160055-96-9/CRN
L41         2 SEA ABB=ON  PLU=ON  148159-34-6  OR 121591-05-7
L42         9 SEA ABB=ON  PLU=ON  148159-34-6/CRN  OR 121591-05-7/CRN

      FILE 'STNGUIDE' ENTERED AT 15:33:14 ON 08 JUL 2008

      FILE 'WPIX' ENTERED AT 15:34:01 ON 08 JUL 2008
L43        37 SEA ABB=ON  PLU=ON  L1 AND (BI/BI,BIEX OR DI/BI,BIEX)(W)NAPHTH?
              /BI,BIEX
L44        31 SEA ABB=ON  PLU=ON  L1 AND (BINAPHTH?/BI,BIEX OR DINAPHTH?/BI,B
              IEX)
L45        68 SEA ABB=ON  PLU=ON  L43 OR L44
L46           SEL PLU=ON  L45 1- PRN :      89 TERMS

      FILE 'HCAPLUS' ENTERED AT 15:34:46 ON 08 JUL 2008
L47        69 SEA ABB=ON  PLU=ON  L46
L48           SEL PLU=ON  L47 1- RN :     2890 TERMS
L49   3412923 SEA ABB=ON  PLU=ON  L48
L50     17090 SEA ABB=ON  PLU=ON  L49 AND TRIAZIN?

      FILE 'REGISTRY' ENTERED AT 15:35:40 ON 08 JUL 2008
L51      2890 SEA ABB=ON  PLU=ON  L48
L52       430 SEA ABB=ON  PLU=ON  L51 AND TRIAZIN?
L53        47 SEA ABB=ON  PLU=ON  L51 AND (BINAPHTH? OR DINAPHTH?)
```

```
        FILE 'HCAPLUS' ENTERED AT 15:36:28 ON 08 JUL 2008
L54       11234 SEA ABB=ON    PLU=ON    L53
L55       40345 SEA ABB=ON    PLU=ON    L52
L56          46 SEA ABB=ON    PLU=ON    L47 AND L55
L57          10 SEA ABB=ON    PLU=ON    L47 AND L54
L58        7776 SEA ABB=ON    PLU=ON    L55 AND TRIAZIN?
L59        1683 SEA ABB=ON    PLU=ON    L54 AND (BINAPHTH? OR DINAPHTH?)
L60          25 SEA ABB=ON    PLU=ON    L54 AND (BI NAPHTH? OR DI NAPHTH?)
L61           5 SEA ABB=ON    PLU=ON    L58 AND (L59 OR L60)
L62          54 SEA ABB=ON    PLU=ON    L56 OR L57 OR L61
L63           9 SEA ABB=ON    PLU=ON    (L31 OR L62) NOT P/DT
L64           8 SEA ABB=ON    PLU=ON    L63 NOT 2003-2008/PY
L65           2 SEA ABB=ON    PLU=ON    L64 NOT L33


        FILE 'STNGUIDE' ENTERED AT 15:40:07 ON 08 JUL 2008
        FILE 'HCAPLUS' ENTERED AT 15:44:43 ON 08 JUL 2008
L66           8 SEA ABB=ON    PLU=ON    L64 OR L33
L67          96 SEA ABB=ON    PLU=ON    L31 OR L62
L68          88 SEA ABB=ON    PLU=ON    L67 NOT L66


        FILE 'STNGUIDE' ENTERED AT 15:45:04 ON 08 JUL 2008


        FILE 'REGISTRY' ENTERED AT 15:46:02 ON 08 JUL 2008
L69       66747 SEA ABB=ON    PLU=ON    (BINAPHTH? OR DINAPHTH?) OR  (BI OR
               DI)(1W)NAPHTH?


        FILE 'STNGUIDE' ENTERED AT 15:46:16 ON 08 JUL 2008


        FILE 'HCAPLUS' ENTERED AT 15:46:33 ON 08 JUL 2008
L70          21 SEA ABB=ON    PLU=ON    L68 AND L69
L71          10 SEA ABB=ON    PLU=ON    L68 AND ((BINAPHTH? OR DINAPHTH?) OR  (BI
               OR DI)(1W)NAPHTH?)
L72          24 SEA ABB=ON    PLU=ON    L70 OR L71
L73          11 SEA ABB=ON    PLU=ON    L72 AND 1990-2002/PY
L74           0 SEA ABB=ON    PLU=ON    L72 AND 1960-1989/PY
               D L73 BIB AB IT HITSTR TOT


        FILE 'STNGUIDE' ENTERED AT 15:48:27 ON 08 JUL 2008


        FILE 'REGISTRY' ENTERED AT 15:53:10 ON 08 JUL 2008
               E HYDROXYTRIAZINE/CN
L75           3 SEA ABB=ON    PLU=ON    HYDROXYTRIAZINE


        FILE 'STNGUIDE' ENTERED AT 15:54:29 ON 08 JUL 2008


        FILE 'REGISTRY' ENTERED AT 15:55:55 ON 08 JUL 2008
L76          29 SEA ABB=ON    PLU=ON    645-92-1/CRN
L77           0 SEA ABB=ON    PLU=ON    L4 AND L76
L78           2 SEA ABB=ON    PLU=ON    L4 AND L15


        FILE 'STNGUIDE' ENTERED AT 15:57:08 ON 08 JUL 2008


        FILE 'REGISTRY' ENTERED AT 16:00:22 ON 08 JUL 2008
L79             SEL PLU=ON    L78 1- RN :          2 TERMS
L80           1 SEA ABB=ON    PLU=ON    L79/CRN
```

```
        FILE 'HCAPLUS' ENTERED AT 16:00:44 ON 08 JUL 2008
L81           1 SEA ABB=ON   PLU=ON   L79
L82           1 SEA ABB=ON   PLU=ON   L81 OR L80
              D BIB AB IT HITSTR


      FILE 'STNGUIDE' ENTERED AT 16:01:01 ON 08 JUL 2008


      FILE 'HCAPLUS' ENTERED AT 16:02:21 ON 08 JUL 2008
L83           1 SEA ABB=ON   PLU=ON   L78 OR L80


      FILE 'REGISTRY' ENTERED AT 16:02:52 ON 08 JUL 2008
L84           1 SEA ABB=ON   PLU=ON   5191-13-9/RN


      FILE 'HCAPLUS' ENTERED AT 16:02:53 ON 08 JUL 2008
L85           0 SEA ABB=ON   PLU=ON   L84


      FILE 'REGISTRY' ENTERED AT 16:03:05 ON 08 JUL 2008
L86           1 SEA ABB=ON   PLU=ON   5191-13-9


      FILE 'STNGUIDE' ENTERED AT 16:04:02 ON 08 JUL 2008


      FILE 'PCI' ENTERED AT 16:04:12 ON 08 JUL 2008
              E  GB 1015931/PN.D
L87           6 SEA ABB=ON   PLU=ON   GB1015931/PN.D
L88             SEL PLU=ON  L87 1- PRN PN :      54 TERMS


      FILE 'HCAPLUS' ENTERED AT 16:04:32 ON 08 JUL 2008
L89           7 SEA ABB=ON   PLU=ON   L88
L90             SEL PLU=ON  L89 1- RN :      109 TERMS


      FILE 'REGISTRY' ENTERED AT 16:04:53 ON 08 JUL 2008
L91         109 SEA ABB=ON   PLU=ON   L90
L92          72 SEA ABB=ON   PLU=ON   L91 AND TRIAZ?
L93         109 SEA ABB=ON   PLU=ON   L90
L94          72 SEA ABB=ON   PLU=ON   L93 AND NAPHTH?
L95          59 SEA ABB=ON   PLU=ON   L92 AND L94
L96          54 SEA ABB=ON   PLU=ON   L95 AND HYDROX?
L97          39 SEA ABB=ON   PLU=ON   L96 AND SULFON?
L98          28 SEA ABB=ON   PLU=ON   L96 NOT CL/ELS
L99          37 SEA ABB=ON   PLU=ON   L96 NOT F/ELS
L100          7 SEA ABB=ON   PLU=ON   L97 AND L98 AND L99
              D FIDE 1-7


      FILE 'STNGUIDE' ENTERED AT 16:06:29 ON 08 JUL 2008


      FILE 'HCAPLUS' ENTERED AT 16:08:01 ON 08 JUL 2008
L101          2 SEA ABB=ON   PLU=ON   L100
L102          2 SEA ABB=ON   PLU=ON   L89 AND L101
L103          7 SEA ABB=ON   PLU=ON   L89 AND L97
L104          7 SEA ABB=ON   PLU=ON   L102 OR L103


      FILE 'REGISTRY' ENTERED AT 16:26:19 ON 08 JUL 2008
L105          1 SEA ABB=ON   PLU=ON   137427-86-2/RN


      FILE 'HCAPLUS' ENTERED AT 16:26:19 ON 08 JUL 2008
L106          2 SEA ABB=ON   PLU=ON   L105
```

```
FILE 'HCAPLUS' ENTERED AT 16:32:01 ON 08 JUL 2008
             S 105985-43-1
L108          1 L107
```

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	"4841031" or "5713992"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/08 12:20
L6	15312	g221 and f580	DERWENT	OR	OFF	2008/07/08 13:29
L7	2418	triazin$7 near7 (OH or hydrox$8 or "OL" or alcohol)	DERWENT	OR	ON	2008/07/08 13:36
L8	599	L6 and L7	DERWENT	OR	ON	2008/07/08 13:31
L9	1	L8 and dinaphth$9	DERWENT	OR	ON	2008/07/08 13:44
L10	0	L8 and binaphth$9	DERWENT	OR	ON	2008/07/08 13:31
L11	5	L8 and (bi or di) adj naphth$9	DERWENT	OR	ON	2008/07/08 13:32
L12	31	L8 and azo near3 (naphth$9 or dinaphth$9 or binaphth$9)	DERWENT	OR	ON	2008/07/08 13:33
L13	0	L8 and (azonaphth$9 or azodinaphth$9 or azobinaphth$9)	DERWENT	OR	ON	2008/07/08 13:33
L14	62	L8 and azo near9 (naphth$9 or dinaphth$9 or binaphth$9)	DERWENT	OR	ON	2008/07/08 13:33
L15	64	L8 and nn	DERWENT	OR	ON	2008/07/08 13:33
L16	38	L8 and "n" adj "n"	DERWENT	OR	ON	2008/07/08 13:34
L17	409	L8 and (amin$6 or biamin$6 or diamin$6)	DERWENT	OR	ON	2008/07/08 13:34
L18	128	L8 and (so3 or sulfon$7 or trisulfon$7 or bisulfon$7 or disulfon$7)	DERWENT	OR	ON	2008/07/08 13:35
L19	290	L8 and oh	DERWENT	OR	ON	2008/07/08 13:35
L20	556	L8 and hydrox$8	DERWENT	OR	ON	2008/07/08 13:35
L21	23	L8 and "ol"	DERWENT	OR	ON	2008/07/08 13:35
L22	99	L8 and alcohol	DERWENT	OR	ON	2008/07/08 13:35
L24	3226	triazin$7 near13 (OH or hydrox$8 or "OL" or alcohol)	DERWENT	OR	ON	2008/07/08 13:36
L25	819	L6 and L24	DERWENT	OR	ON	2008/07/08 13:36
L26	599	L25 and (L9 or L11 or L12 or L14 or L15 or L16 or L17 or L18 or L19 or L20 or L21 or L22)	DERWENT	OR	ON	2008/07/08 13:37
L27	599	L9 or L11 or L12 or L16 or L21 or L26	DERWENT	OR	ON	2008/07/08 13:38
L28	5	L27 and (di or bi) adj naphth$10	DERWENT	OR	ON	2008/07/08 13:38
L29	1	L27 and dinaphth$10	DERWENT	OR	ON	2008/07/08 13:38
L30	0	L27 and binaphth$10	DERWENT	OR	ON	2008/07/08 13:39
L31	6	L28 or L29	DERWENT	OR	ON	2008/07/08 13:39

L32	3	L7 and dinaphth$9	DERWENT	OR	ON	2008/07/08 13:44
L33	0	L7 and binaphth$9	DERWENT	OR	ON	2008/07/08 13:44
L34	2	L7 and bi adj naphth$9	DERWENT	OR	ON	2008/07/08 13:44
L35	4	L7 and di adj naphth$9	DERWENT	OR	ON	2008/07/08 13:45
L36	9	L32 or L34 or L35	DERWENT	OR	ON	2008/07/08 13:45
L37	3	L36 not L31	DERWENT	OR	ON	2008/07/08 13:45